

AMENDMENTS TO THE CLAIMS

1-20. (Canceled)

21. (Currently amended) The A method of claim 20 for transmitting packets over a packet switch network which includes a plurality of multimedia transceivers for sending and receiving multimedia communications, the method comprising the steps of:

providing at least two predefined network quality states;

monitoring said network to detect at least one network quality state;

selecting one quality state from the at least two predefined network quality states in accordance with said detected network quality state;

creating at least one packet by placing at least one audio or video sample and at least one network protocol parameter into a package in accordance with said selected network quality state; and

transmitting said packet over said network,

wherein said network quality states are selected from the group consisting of:

not sufficient quality;

sufficient quality; and

high quality.

22. (Currently amended) ~~A-~~The method of claim 21, wherein said not sufficient quality state is a monitored transmission of packets via a first protocol over said network which results in packet loss

23. (Original) The method of claim 22, wherein said sufficient quality state is a monitored transmission of packet which includes at least two audio frames via a second protocol which includes at least one packet frame having at least one redundant frame over said network.

24. (Original) The method of claim 23, wherein said sufficient quality state is a monitored transmission of a packet which includes at least two audio frames via the first protocol over said network, which transmission result a packet loss.

25. (Original) The method of claim 21, wherein said high quality state is a monitored transmission of a packet which includes a single audio frame via the second protocol over said network, which transmission result a packet loss.

26. (Original) The method of claim 25, wherein said high quality state is a monitored transmission of a packet which includes a single audio frame, via said first protocol over said network.

27. (Original) The method of claim 21, wherein the step of selecting said quality state further includes the step of:

selecting a network quality state in accordance with an available network bandwidth.

28. (Original) The method of claim 27, wherein the step of selecting comprises:
selecting a lower quality state from said presently selected quality state if available network bandwidth is decreased.

29-38. (Canceled)